

Seminar at USU
Bethesda, MD
September 14, 2012

Finding and Understanding NIH's Funding Opportunities

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Division of Extramural Activities (DEA)
National Cancer Institute (NCI)
National Institutes of Health (NIH)

What is a Funding Opportunity Announcement (FOA)?

An FOA is a publicly available document by which a U.S. Federal agency makes known its intentions to award grants or cooperative agreements, usually as a result of competition for funds.

NIH Context:

- *Each funding initiative must have its own FOA.*
- *Each FOA corresponds to a distinct entry in Grants.gov and in the NIH Guide for Grants and Contracts.*

Funding Opportunity Announcements (FOAs)

- **Program Announcement (PA)**
 - **Allows the NIH to publicly declare interest in supporting a defined area of science without committing funds up front.**
 - **Involves multiple application receipt dates.**
 - **Specifies only standard review criteria.**
- **Request for Applications (RFA)**
 - **Allows the NIH to promote a defined area of science by announcing an opportunity with associated, committed funds (i.e., set-aside \$\$\$\$).**
 - **Generally involves a single receipt date.**
 - **Specifies standard plus special review criteria.**

Special Types of Program Announcements

- **PAR:** A PA with special **receipt, referral and/or review** considerations, as described in the PAR announcement.
- **PAS:** A PA that includes specific **set-aside funds** as described in the PAS announcement (not often used).

Relative Numbers of FOAs, PAs, and RFAs

(at a single time point)

On September 10th, there were 899 active NIH-issued FOAs, of which 771 (86%) were PAs/PARs and 128 (14%) were RFAs.

The number of active FOAs per NIH institute or center (IC) ranged from 2 to 85 and the number of active RFAs per IC ranged from 0 to 13.

Notices

Notices in the NIH Guide are used to announce:

- **Policies and procedures;**
- **Changes to FOAs;**
- **Some contract solicitations;**
- **Requests for Information; and**
- **Other general information items.**

A Notice that announces a change to an FOA is always added as a hyperlinked “Related Notice” on the first page of the FOA.

Numbering System

Examples of PA Numbering:

PA-12-008 or PAR-10-249 or PAS-09-101

Examples of RFA Numbering:

RFA-CA-12-005 or RFA-HL-12-010

Examples of Notice Numbering:

NOT-OD-11-125 or NOT-DK-12-023

Two Sites for NIH's FOAs

- Grants.gov (
<http://www.grants.gov/>)
- NIH Guide for Grants and
Contracts (
<http://grants1.nih.gov/grants/guide/index.html#search>
)

Grants.gov - home page

Grants.gov - Home - Windows Internet Explorer

http://www.grants.gov/

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Grants.gov - Home

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Find. Apply. Succeed.

Grants.gov is your source to FIND and APPLY for federal grants. The U.S. Department of Health and Human Services is proud to be the managing partner for Grants.gov, an initiative that is having an unparalleled impact on the grant community. [Learn more](#) about Grants.gov and determine if you are eligible for grant opportunities offered on this site.

Grants.gov does not provide personal financial assistance. To learn where you may find personal help, check [Government Benefits](#), [Student Loans](#) and [Small Business Start-up Loans](#).

What's New at Grants.gov

- Grants.gov to actively reject submissions from organizations with expired CCR registration.
- Grants.gov Webcast on Grant Fraud is now available online
- New Opportunities This Week
- OMB Memoranda for the Use of Grants.gov by the Federal Agencies
- FSRS Role-Based Training Webinar for FFATA Sub-Award Reporting
- Review the Security Build Updates and Their Impact on You
- Verify if your Adobe Reader Version is Compatible with Grants.gov

System Downtime April 28-29, 2012
Grants.gov will be unavailable for scheduled maintenance April 28-29, 2012. Read the [Grants.gov Blog](#) for more information.

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- Track My Application
- Applicant Resources
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- Grantor Login
- New Agency Users
- Resources

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Grants.gov - search options

Grants.gov - Find Grant Opportunities - Windows Internet Explorer

http://www.grants.gov/applicants/find_grant_opportunities.jsp

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- Applicant Login
- Find Grant Opportunities**
 - Basic Search
 - Browse by Category
 - Browse by Agency
 - Advanced Search
 - Subscriptions
- Get Registered
- Apply for Grants
- Track My Application
- Applicant Resources
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FIND GRANT OPPORTUNITIES

All discretionary grants offered by the [26 federal grant-making agencies](#) can be found on Grants.gov.

You do not have to register with Grants.gov to *find* grant opportunities. However, once you are ready to *apply* for a grant, you will need to [Get Registered](#). This process takes 3-5 business days up to 4 weeks if you experience any difficulties.

Search Grant Opportunities

Search by keyword, Funding Opportunity Number (FON) or Catalog of Federal Domestic Assistance (CFDA) number.	Basic Search >>
Search by a variety of categories of funding activities.	Browse by Category >>
Search from a list of agencies offering grant opportunities.	Browse by Agency >>
Search by more specific criteria such as: Funding Instrument Type, Eligibility or Sub-agency.	Advanced Search >>
Search for Recovery Act Opportunities.	Find Recovery Act Opportunities >>

Once you have found the grant opportunity for which you wish to apply by entering a specific search criteria, click the "Application" button in the grant opportunity synopsis.

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- Applicant Login
- Find Grant Opportunities
 - Basic Search
 - Browse by Category
 - Browse by Agency
 - Advanced Search
 - Email Subscription
- Get Registered
- Apply for Grants
- Track My Application
- Applicant Resources
- Search FAQs, User Guides and Site Information

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FOR GRANTORS

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HELP

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Home > Find Grant Opportunities > Basic Search

BASIC SEARCH

Basic Search • [Browse by Category](#) • [Browse By Agency](#) • [Advanced Search](#)

To perform a **basic search** for a grant opportunity, complete at least one of the following fields Keyword Search, Search by Funding Opportunity Number, **OR** Search by CFDA Number and then select the Search button.

Only open opportunities will be returned. To search closed or archived opportunities, use [Advanced Search](#).

For helpful search tips and to learn more about finding grant opportunities check out the [Search Grant Opportunities](#) guide.

Keyword Search:

Search by Funding Opportunity Number:

Search by CFDA Number:

Done, but with errors on page.

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Catalog of Federal Domestic Assistance (CFDA)

<https://www.cfda.gov/>

Catalog of Federal Domestic Assistance (CFDA) *provides a full listing of all Federal **programs** available to:*

- *State and local governments (including the District of Columbia);*
- *Federally-recognized Indian tribal governments;*
- *Territories (and possessions) of the United States;*
- *Domestic public, quasi- public, and private profit and nonprofit organizations and institutions;*
- *Specialized groups; and*
- *Individuals.*

Eleven of NIH's 52 CFDA numbers as examples:

93.113 = Environmental Health

93.121 = Oral Diseases and Disorders Research

93.172 = Human Genome Research

93.242 = Mental Health Research Grants

93.273 = Alcohol Research Programs

93.279 = Drug Abuse and Addiction Research
Programs

93.361 = Nursing Research

93.395 = Cancer Treatment Research

93.396 = Cancer Biology Research

93.837 = Cardiovascular Diseases Research

93.838 = Lung Diseases Research

NIH Guide for Grants and Contracts - home page

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http://grants1.nih.gov/grants/guide/index.html#search

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Funding Opportunities and Notices

The **NIH Guide for Grants and Contracts** is the official publication for NIH medical and behavioral research grant policies, guidelines and funding opportunities. [Definitions and More Information...](#)

Search the NIH Guide for:

- ☒ **Active RFAs** (Requests for Applications)
- ☒ **Active PAs** (Program Announcements)
- ☐ **Recent Notices** (Released in Last 12 Months)

[Inactive & Active Announcements](#) (use Advanced Search) [Search Help](#)

With Announcement # or Keywords: (Optional) [Advanced Search](#)

Browse Active Funding Opportunities

- [Requests for Applications \(RFAs\)](#)
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- [Parent Announcements](#) (unsolicited applications)

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- [Current NIH Funding Opportunities and Notices](#)
- [Grant Funding Opportunities Web Page](#)

Related Resources

- [Grant Application Basics](#)
- [Grants Process Overview](#)
- [Submitting Your Application](#)
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- [Electronic Research Admin \(eRA Commons\)](#)
- [NIH Financial Operations \(w/Funding Strategies\)](#)
- [Archive of Selected Policy Notices \(1993 - Present\)](#)
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Small Business (SBIR/STTR)

Contract Opportunities

NIH-Wide Initiatives

New and Early Stage Investigators

Stem Cell Information

NIH Common Fund

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NIH Guide for Grants and Contracts Updates

- **New Announcements This Week** - Current Weekly Table of Contents (TOC)
- Table of Contents (TOC) by Year and Week:
[2012](#) [2011](#) [2010](#) [2009](#) [2008](#) [2007](#) [All](#)
- **Subscribe or Unsubscribe** to Weekly Update via E-mail [LISTSERV](#)
- **RSS Format** - NIH Funding Opportunities now available in RSS (Really Simple News Syndication) format.
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- [Program Announcements \(PAs\)](#)
- [Parent Announcements](#) (unsolicited applications)

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- [Current NIH Funding Opportunities and Notices](#)
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- [Grants Process Overview](#)
- [Submitting Your Application](#)
- [Applying Electronically](#)
- [Electronic Research Admin \(eRA Commons\)](#)
- [NIH Financial Operations \(w/Funding Strategies\)](#)
- [Archive of Selected Policy Notices \(1993 - Present\)](#)
-  [Related Archives](#)

Funding Opportunities (RFAs, PAs) & Notices

Unsolicited Applications (Parent Announcements)

Research Training & Career Development

Small Business (SBIR/STTR)

Contract Opportunities

NIH-Wide Initiatives

- [New and Early Stage Investigators](#)
- [Stem Cell Information](#)
- [NIH Common Fund](#)
- [OppNet \(Behavioral & Social Sciences\)](#)

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- [NIH Reports \(RePORT\)](#)
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“Parent” Program Announcements

When the NIH and other HHS Agencies moved from paper to electronic grant applications, they issued omnibus Parent announcements for use by applicants who wish to submit what were formerly termed “unsolicited” and/or “investigator-initiated” applications (because all applications must now be submitted in response to FOAs).

Responding to such an omnibus or umbrella Parent FOA (or any other FOA) ensures that the correct application package is used by the applicant(s) and enables NIH to receive the application from [Grants.gov](https://www.grants.gov).

NIH Guide for Grants and Contracts - Parent Announcements

Parent Announcements (For Unsolicited or Investigator-Initiated Applications)

http://grants1.nih.gov/grants/guide/parent_announcements.htm

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[Home](#) | [About Grants](#) | **Funding** | [Forms & Deadlines](#) | [Grants Policy](#) | [News & Events](#) | [About OER](#) | [NIH Home](#)

Parent Announcements (For Unsolicited or Investigator-Initiated Applications)

NIH and other agencies serviced by [eRA Commons](#) want your investigator-initiated applications. Electronic grant applications must be submitted in response to a [Funding Opportunity Announcement](#) (FOA)**. We have developed Parent announcements for use by applicants who wish to submit what were formerly termed investigator-initiated or 'unsolicited' applications. Apply using the electronic application package for your chosen mechanism, listed in the table below. Read [More About Parent Announcements](#). Not all Institutes and Centers participate in all FOAs. Please read announcements carefully to determine participation.

The following Parent Announcements are available (sorted by Activity Code):

[[Research \(R\)](#) | [Research Training \(T\)](#) | [Career Development \(K\)](#) | [Fellowships \(F\)](#) | [Admin Supplements](#)]

Research (R) Announcements

Activity Code(s)	Title	Announcement Number	Issuing Organization	Release Date	Opening Date (SF424 Only) ?	Expiration Date
R01	Research Project Grant (Parent R01)	PA-11-260	NIH	07/22/2011	08/12/2011	09/08/2014
R03	NIH Small Research Grant Program (Parent R03)	PA-11-262	NIH	07/22/2011	08/12/2011	09/08/2014
R13,U13	NIH Support for Conferences and Scientific Meetings (Parent R13/U13)	PA-10-071	NIH	01/04/2010	03/12/2010	01/08/2013
R15	Academic Research Enhancement Award (Parent R15)	PA-12-006	NIH	11/02/2011	01/25/2012	01/08/2015
R21	NIH Exploratory/Developmental Research Grant Program (Parent R21)	PA-11-261	NIH	07/22/2011	08/12/2011	09/08/2014
R41,R42	PHS 2012-02 Omnibus Solicitation of the NIH for Small Business Technology Transfer Grant Applications (Parent STTR [R41/R42])	PA-12-089	NIH	01/31/2012	03/05/2012	01/08/2013

Parent Program Announcements

NIH currently has 23 active Parent Program Announcements (PAs), each for a specific grant mechanism (or activity code).

Five Categories of Parent PAs:

Research (R) Announcements (R01; R03; R13/U13; R15; R21; R41/R42; R43/R44);

Research Training (T) Announcements (T32; T35);

Career Development (K) Announcements (K01; K02; K07; K08; K23; K24; K25; K99/R00);

Fellowship (F) Announcements (F30; F31; F32; F33); and

Administrative Supplements Announcement (one for all activity codes).

Parent Program Announcements (continued)

Three important Parent PAs are:

PA-11-260, NIH Research Project Grant (Parent R01), on which 21 NIH Institutes/Centers (ICs) participate;

PA-11-261, NIH Exploratory/Developmental Research Grant Program (Parent R21), on which 19 ICs participate; and

PA-11-262, NIH Small Research Grant Program (Parent R03), on which 11 ICs participate.

Other FOAs for R01, R21, and R03 grant applications

In addition to the NIH Parent R01 PA, there are 262 active R01 FOAs for specific topics*.

In addition to the NIH Parent R21 PA, there are 185 active R21 FOAs for specific topics*.

In addition to the Parent R03 PA, there are 86 active R03 FOAs for specific topics*.

*number determined on September 10, 2012.

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http://grants1.nih.gov/grants/guide/search_guide.htm

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Search Term(s):	<input type="text"/>	(e.g. diabetes, RFA-HL-07-010)	Search
			Reset
Issuing Organization:	All Offices <input type="text"/>	(e.g. NCI) - Listing of Organization Names	
Participating Organization:	<input type="text"/>	(e.g. NIDDK)	
Release Date:	On or After: <input type="text"/>	On or Before: <input type="text"/> (e.g. 1/1/2006)	
Opening Date: (SF 424 Only)	On or After: <input type="text"/>	On or Before: <input type="text"/> (e.g. 1/1/2006)	
Expiration Date:	On or After: <input type="text"/>	On or Before: <input type="text"/> (e.g. 1/1/2006)	
Activity Code (Types of Grants):	<input type="text"/>	(e.g. R01) - Available as of 7/1/03.	
Activity Code Text Includes:	<input type="text"/>	(e.g. "R01, R03, R21" for R01 or R03 or R21 "K" for K01 or K02, K05, etc.)	
Application Package:	<input type="text"/>	(e.g. SF424)	
Parent Announcement (unsolicited):	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> All	(Also see Parent Announcements page)	

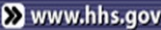
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Advanced Search Feature – NIH Guide

Allows searches for FOAs and Notices based on:

- Search Term(s) [**especially for the science**]
- Issuing Institute or Center
- Participating Institute or Center
- Release Date
- Expiration Date
- Activity Code (Types of Grants)
- Title Text
- Active/Inactive Status
- Files to Display (FOAs; RFAs; PAs; Notices; All)


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Advanced Funding Opportunities & Notices Search Results

Active Funding Opportunities (RFAs & PAs) For Issuing Organization: NCI

Announcement Includes Activity Code: R03

Title Includes: behavioral

Related Links:

- [Funding Opportunities & Notices](#)
- [Advanced Funding Ops Search](#)
- [Advanced OER Site Search](#)
- [Search Help](#)

Matching Records: 1

Announcement Number	Related Announc.	Issuing Organization	Release Date	Opening Date (SF424 Only) ?	Expiration Date	Activity Code(s)	Title
PAR-12-035	See Related	NCI	12/22/2011	01/17/2012	10/19/2012	R03	Small Grants for Behavioral Research in Cancer Control (R03)



Information in an FOA

- The What and The Why
 - Science
 - Infrastructure
 - Resource
 - Public Health
- The Which and The Who
 - Inside the NIH
 - Institutes/Centers/Agencies
 - Program/Review/Grants Mgmt. Staff
 - Outside the NIH
 - Eligible Institutions
 - Eligible Persons (Applicants)

Information in an FOA (continued)

- The How...
 - Much (Time and Money)
 - Proposed and Submitted
 - Reviewed
 - Awarded
 - Administered
- The When
 - Due Dates
 - Review and Award Dates
 - Allowable Project/Budget Period

Table of Contents

Part 1. Overview Information

Part 2. Full Text of the Announcement

Section I. Funding Opportunity Description

Section II. Award Information

Section III. Eligibility Information

Section IV. Application and Submission Info.

Section V. Application Review Information

Section VI. Award Administration Information

Section VII. Agency Contacts

Section VIII. Other Information

Department of Health and Human Services

Part 1. Overview Information

Participating Organization(s)	National Institutes of Health (NIH)
Components of Participating Organizations	National Cancer Institute (NCI)
Funding Opportunity Title	Small Grants for Behavioral Research in Cancer Control (R03)
Activity Code	R03 Small Grant Program
Announcement Type	Reissue of PAR-09-003
Related Notices	None
Funding Opportunity Announcement (FOA) Number	PAR-12-035
Companion FOA	None
Number of Applications	See Section III. 3. Additional Information on Eligibility .
Catalog of Federal Domestic Assistance (CFDA) Number(s)	93.399

Key Dates

Posted Date	January 17, 2012
Open Date (Earliest Submission Date)	May 5, 2012
Letter of Intent Due Date	May 5, 2012
Application Due Date(s)	Standard dates apply, by 5:00 PM local time of applicant organization.
AIDS Application Due Date(s)	Standard dates apply, by 5:00 PM local time of applicant organization.
Scientific Merit Review	Standard dates apply
Advisory Council Review	Standard dates apply
Earliest Start Date(s)	Standard dates apply
Expiration Date	May 8, 2015
Due Dates for E.O. 12372	Not Applicable

KEY DATES

PA

PAR

Key Dates

Posted Date	December 22, 2011
Open Date (Earliest Submission Date)	January 17, 2012
Letter of Intent Due Date	Not Applicable
Application Due Date(s)	February 17, 2012; June 19, 2012; October 18, 2012, by 5:00 PM local time of applicant organization.
AIDS Application Due Date(s)	Not Applicable
Scientific Merit Review	June/July 2012; October/November 2012; February/March 2013
Advisory Council Review	October 2012; January 2013; May 2013
Earliest Start Date(s)	December 2012; April 2013; July 2013
Expiration Date	October 19, 2012
Due Dates for E.O. 12372	Not Applicable

Department of Health and Human Services Example of a PAR with a Companion FOA

Part 1. Overview Information

Participating Organization(s)	National Institutes of Health (NIH)
Components of Participating Organizations	National Cancer Institute (NCI)
Funding Opportunity Title	Exploratory/Developmental Grants Program for Basic Cancer Research in Cancer Health Disparities (R21)
Activity Code	R21 Exploratory/Developmental Research Grant Award
Announcement Type	Reissue of PAR-09-160
Related Notices	None
Funding Opportunity Announcement (FOA) Number	PAR-12-094
Companion FOA	PAR-12-095 , U01 Research Project – Cooperative Agreements
Number of Applications	See Section III. 3. Additional Information on Eligibility .
Catalog of Federal Domestic Assistance (CFDA) Number(s)	93.393, 93.396

Required Application Instructions

It is critical that applicants follow the instructions in the SF 424 (R&R) Application Guide, except where instructed to do otherwise (in this FOA or in a Notice from the *NIH Guide for Grants and Contracts*)...

Apply for Grant Electronically

A compatible version of Adobe Reader is required for download. For assistance downloading this or any Grants.gov application package, please contact Grants.gov Customer Support at <http://www07.grants.gov/contactus/contactus.jsp>₃₁

Description of Opportunity to Advance Science and Public Health

Part 2. Full Text of Announcement

Section I. Funding Opportunity Description

Purpose

Through this funding opportunity announcement (FOA), the Center to Reduce Cancer Health Disparities (CRCHD) and the Division of Cancer Biology (DCB), at the National Cancer Institute (NCI), invite grant applications from investigators interested in conducting basic research studies into the causes and mechanisms of cancer health disparities. These awards will support pilot and feasibility studies, development and testing of new methodologies, secondary data analyses, and innovative mechanistic studies that investigate biological/genetic bases of cancer health disparities among various racial and ethnic populations. This FOA is also designed to aid and facilitate the growth of a nationwide cohort of scientists with a high level of basic research expertise in cancer health disparities research and to provide resources for those investigators that may need additional support on their path to successfully compete for R01 funding in basic biological research in understanding cancer health disparities.

This FOA will use the NIH Exploratory/Developmental (R21) grant mechanism and runs in parallel with an FOA of identical scientific scope, [PAR-12-095](#), which utilizes the U01 cooperative agreement grant mechanism.

Background

Specific Research Objectives

Research topics of interest include but are not limited to:

- Examination of ethnic differences in HPV strain types/infection prevalence;
- Studies of polymorphisms in liver detoxification enzymes among racial and ethnic groups;
- Examination of differences in gene expression profiles of triple negative breast tumors in African-American women compared to other ethnic groups;
- Examination of Androgen receptor signaling in aggressive prostate tumors in African-American men;
- Examination of differences in DNA methylation profiles in premenopausal African American or Hispanic women for breast cancer;
- Studies on the role of TP53 haplotypes in lung cancer among African-Americans;
- Genetic/epigenetic/metabolic susceptibility differences between ethnic populations; and
- New animal and cell culture models/systems designed to investigate cancer disparities

Please note that applications that focus on Genome-Wide Association Studies (GWAS), or behavioral and community/ population based studies are not appropriate for this FOA. In addition, applications that investigate carcinogenic mechanisms not associated with a disparate cancer burden in various racial and ethnic groups are not appropriate for this FOA.

AWARD INFORMATION FOR A SIMPLE PAR (R03)

Section II. Award Information

Funding Instrument	Grant
Application Types Allowed	New Resubmission The OER Glossary and the SF 424 (R&R) Application Guide provide details on these application types.
Funds Available and Anticipated Number of Awards	The number of awards is contingent upon NIH appropriations, and the submission of a sufficient number of meritorious applications.
Award Budget	A project period of up to two years and a budget for direct costs of up to \$50,000 per year may be requested (i.e., a maximum of \$100,000 direct costs over two years) Commensurate Facilities and Administrative (F&A) costs are allowed. F&A costs requested by consortium participants are not included in the direct cost limitation. See NOT-OD-05-004 , November 2, 2004.
Award Project Period	The scope of the proposed project should determine the project period. The maximum period is 2 years.

Section III.

Eligibility Information

Eligible Applicants

- Eligible Organizations
- Foreign Institutions
- Required Registrations
- Eligible Individuals

Additional Information

- Number of Applications

Section IV. Application and Submission Information

1. Requesting an Application Package
2. Content and Form of Application Submission
 - Required and Optional Components
 - Page Limitations
 - PHS 398 Research Plan Component
 - Resource Sharing Plan
 - Appendix
 - Foreign Institutions
3. Submission Dates and Times
4. Intergovernmental Review (E.O. 12372)
5. Funding Restrictions
6. Other Submission Requirements and Information
 - Requests of \$500,000 or more for direct costs in any year
 - Post Submission Materials

Section V.

Application Review Information

1. Criteria

Overall Impact

Scored Review Criteria (Significance;
Investigator[s]; Innovation; Approach; Environment)

Additional Review Criteria (Human Subjects;
Women, Minorities, Children; Vertebrate Animals;
Biohazards; Resubmissions; Renewals; Revisions)

Additional Review Considerations (Foreign
Applications; Select Agent Research; Resource
Sharing Plans; Budget and Period of Support)

2. Review and Selection Process

3. Anticipated Announcement and Award Dates

Section VI.

Award Administration Information

1. Award Notices

2. Administrative and National Policy
Statements

Cooperative Agreement Terms and Conditions of
Award

3. Reporting

Section VII. Agency Contacts

We encourage inquiries concerning this funding opportunity and welcome the opportunity to answer questions from potential applicants.

Application Submission Contacts

Grants.gov Customer Support

GrantsInfo

eRA Commons Help Desk

Scientific/Research Contact(s)

Program Officer(s) – name(s) and contact information
(sometimes through hyperlinks to NIH web pages)

Peer Review Contact(s)

Scientific Review Officer or Referral Officer – name and contact info.

Financial/Grants Management Contact(s)

Grants Management Officer or Specialist – name and contact info.

Thank you for listening!

Any questions?